



CHAIRMAN OF THE JOINT CHIEFS OF STAFF INSTRUCTION

J-6
DISTRIBUTION: A,B,C,J,S

CJCSI 6240.01A
30 November 1998

TRAINING RESPONSIBILITIES FOR THE JOINT TACTICAL AIR OPERATIONS INTERFACE PROGRAM

References: See Enclosure B.

1. Purpose. This instruction sets policy and outlines combatant command, Service, and Defense agency responsibilities with regard to the Joint Tactical Air Operations (JTAO) Interface Training Program.
2. Cancellation. CJCSI 6240.01, 30 December 1993, "Training Responsibilities for the Joint Tactical Air Operations Interface Program," is hereby superceded.
3. Applicability. This instruction applies to all combatant commands, Services, and Defense agencies involved in joint tactical air operations.
4. Policy
 - a. Interoperable joint air operations command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR) systems are essential for command and control of all aspects of joint air operations. The linkage between Services' C4ISR systems used for command and control of air operations is the JTAO Interface. A multi-Service training program is necessary to ensure that increase in combat capability afforded by the JTAO Interface is effectively employed in all joint and multinational military operations and exercises.
 - b. The JTAO Interface Training Program will provide for centralized management and participant execution of JTAO Interface training to increase overall combat readiness and capability of US forces. Participation of all combatant commands, Services, and Defense agencies involved in joint air operations is essential. Incorporation of JTAO Interface operational procedures

and JTAO Interface training objectives in all joint and multinational training exercises and programs will maximize training opportunities.

c. JTAO Interface training within Joint Vision 2010's concept will be based on approved joint doctrine; joint tactics, techniques, and procedures (JTTPs); and joint standards contained in the references (See Enclosure B).

d. To the maximum extent possible, JTAO Interface training will make use of existing educational instructions, training programs, training syllabi, equipment, and facilities.

e. JTAO Interface training will provide a progression of training through all phases of JTAO Interface design, planning, operation, management, and tactical employment. A logical training sequence, individual or single unit training and extending to multi-unit/Service participation, with an increasing degree of exercise complexity, is envisioned.

f. A Joint Training Committee (JTC) will be responsible for addressing and making recommendations on training programs, activities, and materials for the JTAO Interface Training Program. Terms of reference (TOR) for the JTAO Interface JTC will be developed and maintained by FORSCOM, in collaboration with the committee membership, and forwarded to the Director for Command, Control, Communications, and Computer Systems (J-6), Joint Staff, for review and joint approval. JTAO Interface JTC decisions will result in recommendations to the Chairman of the Joint Chiefs of Staff and the Joint Staff for subsequent actions related to JTAO Interface training.

5. Definitions. See the Glossary.

6. Responsibilities. See Enclosure A.

7. Summary of Changes. Revision includes updated references and responsibilities.

8. Releasability. This instruction is approved for public release; distribution is unlimited. DOD components (to include the combatant commands), other Federal agencies, and the public may obtain copies of this instruction through the Internet from the CJCS Directives homepage--
<http://www.dtic.mil/doctrine/jel/cjcsd.htm>. Copies are also available through the Government Printing Office on the Joint Electronic Library CD-ROM.

9. Effective Date. This instruction is effective upon receipt.

For the Chairman of the Joint Chiefs of Staff:

/S/

DENNIS C. BLAIR
Vice Admiral, U.S. Navy
Director, Joint Staff

Enclosures:

- A– Individual and Organizational Responsibilities
- B– References
- GL– Glossary

ENCLOSURE A

INDIVIDUAL AND ORGANIZATIONAL RESPONSIBILITIES

1. The Director for Command, Control, Communications, and Computer Systems (J-6), Joint Staff, is vested with overall management responsibility for the JTAO Interface effort and will establish objectives for evaluation of those aspects of tactical command, control, communications, computer, and intelligence (C4I) systems compatibility and interoperability related to joint and combined training.
2. The Director, Defense Information Systems Agency (DISA), will support JTAO interface training as requested by FORSCOM through DISA's Joint Interoperability Engineering Organization (JIEO). The Director, JIEO, has assigned the Center For Standards (CFS) to assist combatant commands, Services, and Defense agencies in the identification of joint Tactical Digital Information Link (TADIL) standards that will be used as baseline documentation and source documents to conduct training for Service and Defense agency system operators. JIEO will assist FORSCOM and the combatant commands, Services, and Defense agencies in identification and use of standards necessary to conduct JTAO interface training.
3. USACOM will:
 - a. Maintain Joint JTAO billets for JTAO Officers with duty at FORSCOM.
 - b. Delegate lead operational authority (LOA) for JTAO training matters to FORSCOM.
 - c. Include JSTEs on their Master Exercise Schedule List of joint training exercises.
4. FORSCOM, as the USACOM component with LOA for the JTAO Interface Training Program, will:
 - a. Develop, plan, coordinate, and manage, in collaboration with the combatant commands, Services, and Defense agencies, a JTAO Interface Training Program for operational forces based on the Joint Mission Essential Task List (JMETL) and designed to exploit the full capability of JTAO Interface systems. The primary purpose of the training program is to increase overall US force combat readiness and capability. The training program will include

training materials, in garrison unit training, Joint System Training Exercises, and JTAO Interface Field Training Exercises.

b. Convene and provide chairmanship for the JTAO interface JTC to provide a forum for addressing, coordinating, planning, and making requests for, or recommendations on, JTAO Interface training methods, materials, and exercises.

c. Develop, maintain, and administer, in collaboration with the JTC membership, the TOR for the JTC. Coordinate with the combatant commands, Services, Defense agencies, and JIEO for their representation or support in JTC activities as required.

d. Assist in developing and implementing JTAO interface training plans of instruction, programs, and materials for combatant command, Service, and Defense agency organic training, as requested.

e. Develop JTAO interface related training materials for allied or friendly nations, when directed.

f. Develop and maintain a central JTAO Interface Training Program library for cataloging and sharing training materials, and assisting participants in avoiding duplication of effort.

g. Provide a semiannual report (1 January and 1 July) to the Director, J-6, Joint Staff, and the combatant command J6's on the status of actions regarding the JTAO Interface Training Program. The report will include a section on lessons learned and appropriate recommendations.

h. Serve as the CJCS executive agent for developing, or assisting in development of, JTAO interface related training programs and materials for allied or friendly nations, when directed.

i. Act as the executive agent of the Director, J-6, Joint Staff, for interface training support matters and provide a focal point for monitoring the status of US and associated allied or combined training programs and materials.

j. Act as the coordinating authority with CINCs to ensure theater and/or CINC-unique JTAO Interface training considerations and requirements are included in the training program.

5. Combatant commands, Services, and Defense agencies will:

a. Maximize their participation in the JTAO Interface Training Program through close coordination with FORSCOM in meeting the mission designed program objectives according to the JMETL and Joint Universal Lessons Learned (JULLS).

b. Take the appropriate programming, budgetary, and management actions to support their participation in the JTAO Joint Interface Training Program.

c. Coordinate development of training objectives, plans of instruction, and training materials with FORSCOM to avoid duplication of effort and to ensure programs and materials represent the current JTAO interface baseline documentation. Participants will provide FORSCOM:

(1) A description of their training programs and offices of primary responsibility (OPRs).

(2) Copies of their plans, programs, schedules, and materials, when requested.

d. Verify with the Chairman, JTC, and with the DISA/JIEO/Center for Standards, that training materials are based on current and approved JTAO Interface baseline documents, as needed.

e. Be encouraged to provide JTC representation and coordinated support in JTC matters, as required. Services will identify shortfalls, issues, and concerns to the JTC as applicable. The JTC will convene when necessary to address these items to facilitate quality training.

6. Procedures

a. FORSCOM, in accordance subparagraph 4a, will develop, plan, coordinate, and manage the JTAO interface training program that provides detailed procedures for JTAO interface training.

b. The combatant commands, Services, and Defense agencies, in accordance with subparagraph 5a, will assist FORSCOM in developing the program and ensure that their training responsibilities are accomplished. The combatant commands, Services, and Defense agencies will designate a single point of contact to coordinate the JTAO Interface Training Program within their

organizations. Additional procedures will be contained in a FORSCOM document to be published.

ENCLOSURE B

REFERENCES

- A. DoDD 4630.5, 12 November 1992, "Compatibility, Interoperability, and Integration of Command, Control, Communications, and Intelligence (C3I) Systems"
- B. DoDI 4630.8, 18 November 1992, "Procedures for Compatibility, Interoperability, and Integration of Command, Control, Communications, and Intelligence (C3I) Systems"
- C. ADatP 3, 4, 11, and 16, "Allied Data Processing Publications (ADatP)(NATO)"
- D. MIL-STD 6004 "Tactical Digital Information Link (TADIL) C Message Standard (U)", 29 September 1995
 - D1. STANAG 5504, Edition 2, "Tactical Data Link for the Control of Aircraft - Link 4" (NU)
- E. MIL-STD 6011A "Tactical Digital Information Link (TADIL) A/B Message Standard" 24 January 1997
 - E1. STANAG 5511, Edition 4, "Subject: Tactical Data Exchange - Link 11/Link 11B"
- F. MIL-STD 6013A, "Army Tactical Data Link - 1 (ATDL 1) Message Standard", 1 March 1997
- G. MIL-STD 6016, (U) "Tactical Digital Information Link (TADIL) J Message Standard", 7 February 1997
 - G1. STANAG 5516, Edition 2, "Subject: Tactical Data Exchange - Link 16"
 - G2. STANAG 5616, Edition 2, "Subject: Standards for Data Forwarding Between Tactical Data Systems Employing Digital Data Link 11/11b and Tactical Data Systems Employing Link 16"
- H. MIL-STD-6040, "U.S. Message Text Formatting Program - Description of U.S. Message Text Formatting Program", September 1997
- I. "Joint Tactical Air Operations (JTAO) Interface Interoperability Handbook", 1 June 1995, FORSCOM
- J. "Joint Tactical Air Operations Procedural Handbook", 31 August 1992, FORSCOM, "The Purple Book"

- K. "Variable Message Format (VMF) Technical Interface Design Plan - Test Edition (TIDP-TE), Reissue 3", 17 June 1998
- L. STANAG 5522, Edition 1, 3rd Draft, "Subject: Tactical Data Exchange - Link 22"
- M. "Multi-TADIL Data Extraction and Reduction Guide, (Multi-TADIL DERG), DISA JIEO, 15 January 1998
- N. CJCSI 3500.01A, 1 July 1997, "Joint Training Policy for the Armed Forces of the United States"
- O. CJCSI 3500.02A, 1 May 1998, "Joint Training Master Plan 1998"
- P. CJCSM 3500.03, 1 June 1996, "Joint Training Manual"
- Q. CJCSM 3500.04A, 13 September 1996, "Universal Joint Task List"
- R. CJCSM 3500.05, 15 April 1997, "Joint Task Force Headquarters Master Training Guide"
- S. CJCSM 6120.01A, " Joint Multi-Tactical Digital Information Link (TADIL) Operations Procedures (JMTOP)" 24 October 1997
- T. CJCSI 6610.01, 9 February 1996, "Tactical Digital Information Link (TADIL) Standardization Policy and Procedures"

GLOSSARY

In Garrison Unit Training. Training in establishing and operating the JTAO interface accomplished by units, on an as available basis, from home station, base, port, or garrison location.

Joint Tactical Air Operations (JTAO). Military operations in an area of interest involving the employment of air power in coordination with ground, naval, or air forces of another Service and forces of NATO and allied nations to:

- a. Gain and maintain air superiority.
- b. Prevent movement of enemy forces into and within the area of interest, and seek out and destroy these forces and their supporting installations.
- c. Join with ground, naval, or air forces in operations within the area of interest to assist in attainment of their immediate objective.

JTAO Interface. The interoperable linkage between Services' C4I systems used for command and control of air operations. This involves joint procedures for the use of Tactical Digital Information Links (TADIL) A/B/C/J/VMF and Army Tactical Data Link 1 (ATDL-1), Contingency Theater Automated Planning System (CTAPS), Cooperative Engagement Capability (CEC), other data links, and standard message formats such as US Message Text Format (USMTF) to exchange C4I information among joint forces.

Joint System Training Exercise (JSTE). An exercise to provide training in planning, establishing, and managing the JTAO interface and executing simulated joint air operations conducted by selected Service C4I elements, using Service-approved exercise scenarios. Joint preparedness is the primary objective of JSTE program. The JSTE program, through simulation, fulfills:

- a. Training based requirements.
- b. Training to objectives derived from task(s) qualified by required conditions and standards set by the commander.
- c. Scaled training efforts based on the primary training audience.
- d. Minimized overhead support requirements.

e. Cost efficient and mission effective training to standard. Mission focus is the rule. Training planned and executed is consistent with assigned missions and priorities and command's joint training program. Units participate in this exercise from home station or garrison location using organic and non-organic simulation equipment utilizing Distributed Interactive Simulation (DIS). Joint communications assets are used to augment organic equipment to provide connectivity.